

839 Project Cost Reporting

Functional Group ID=**PK**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Project Cost Reporting Transaction Set (839) for use within the context of an Electronic Data Interchange (EDI) environment. This transaction set provides the transmission of cost and schedule information to support performance measurement (earned value), program management reporting, and contract funds status reporting. This transaction set will also support the Department of Defense (DoD), Department of Energy (DoE), NASA, and other government agency Cost/Schedule Control Systems Criteria (C/SCSC) and funds status reporting requirements. It is designed to serve the needs of government agencies, prime contractors, and their subcontractors.

Notes:

1. This implementation convention addresses how the 839 Project Cost Reporting transaction set can be used to send Cost Performance Report (CPR) Formats 1 through 5 or Cost/Schedule Status Report (C/SSR) data electronically. This implementation convention assumes the data will be moving in one direction only - from the contractor or organization performing the work on a contract to their customer.

2. A single transaction set may contain one or more of the Cost Performance Report formats. Refer to the implementation notes throughout this convention for more information about the specific requirements for each report format.

3. This convention is designed to be used when a Contract Data Requirements List (CDRL) for a given contract specifies the Data Item Description (DID) DI-MGMT-81466, Cost Performance Report (CPR) or DI-MGMT-81467, Cost/Schedule Status Report (C/SSR).

4. The customer's receiving application may have certain data content requirements. Confirm if there are any data content guidelines that need to be followed in addition to the data format requirements described in this implementation convention.

5. There are two appendices available for this implementation convention. One is an example appendix titled "Example - Project Cost Reporting Transaction Set (839), Cost Performance Reports"; the other provides a series of cross reference tables titled "839 CPR and C/SSR Cross References". The cross reference tables include a segment and data element cross reference by format as well as a data item description cross reference by format. These appendices can be found on the National Institute of Standards (NIST) world wide web site. These appendices provide additional information on how to use the 839 transaction set for the cost performance report and the cost/schedule status report formats.

Heading:

839C - Project Cost Reporting

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
4	010	ST	Transaction Set Header	M	1		
5	020	BCS	Beginning Segment for Project Cost Reporting	M	1		
10	030	REF	Reference Identification	O	>1		
13	040	DLV	Deliverable Information	O	>1		
15	050	AMT	Monetary Amount	O	>1		
19	060	PCT	Percent Amounts	O	>1		
20	070	DTM	Date/Time Reference	O	>1		
LOOP ID - N1						>1	
22	080	N1	Name	M	1		n1
24	090	N2	Additional Name Information	O	2		
25	100	N3	Address Information	O	2		
26	110	N4	Geographic Location	O	1		
27	120	PER	Administrative Communications Contact	O	>1		
Not Used	130	REF	Reference Identification	O	>1		
30	140	DTM	Date/Time Reference	O	>1		

Detail:

<u>Page No.</u>	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - CFT						>1	
31	010	CFT	Cost Reporting Format Type	M	1		
35	020	CAL	Calendar	O	>1		
Not Used	030	REF	Reference Identification	O	>1		
LOOP ID - BSD						>1	
38	040	BSD	Breakdown Structure Description	O	1		
41	050	REF	Reference Identification	O	>1		
Not Used	060	DTM	Date/Time Reference	O	>1		
43	070	AMT	Monetary Amount	O	>1		
46	080	QTY	Quantity	O	>1		
49	090	PAM	Period Amount	O	>1		
Not Used	100	PCT	Percent Amounts	O	>1		
Not Used	110	RPA	Rate Amounts or Percents	O	>1		
53	120	MSG	Message Text	O	>1		
LOOP ID - CLI						>1	
Not Used	130	CLI	Cost Line Item	O	1		
Not Used	140	REF	Reference Identification	O	>1		
Not Used	150	DTM	Date/Time Reference	O	>1		
Not Used	160	AMT	Monetary Amount	O	>1		
Not Used	170	QTY	Quantity	O	>1		
Not Used	180	PAM	Period Amount	O	>1		
Not Used	190	PCT	Percent Amounts	O	>1		
Not Used	200	RPA	Rate Amounts or Percents	O	>1		
54	210	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. At least one iteration of the N1 loop is required to identify the contractor.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	ST01	143	Transaction Set Identifier Code Code uniquely identifying a Transaction Set 839 Project Cost Reporting	M ID 3/3
Must Use	ST02	329	Transaction Set Control Number Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <i>A unique number assigned by the originator of the transaction set or by the originator's application system. This number is the same as the number in SE02.</i>	M AN 4/9

Segment: **BCS** Beginning Segment for Project Cost Reporting
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Project Cost Reporting Transaction Set and provide information identifying a program name, number, contract type, and security classification

Syntax Notes:

Semantic Notes:

- 1 BCS02 is the transaction set date.
- 2 BCS04 is the report effective date.
- 3 BCS06 is the program name.
- 4 BCS07 is the program number identification.
- 5 BCS10 is the customer share ratio number.
- 6 BCS11 is the contractor share ratio number.
- 7 BCS12 is the notation for the total project monetary costs.
 If BCS12 is absent, the total project monetary costs are assumed to be whole dollar amounts.

Comments:**Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	BCS01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
		00	Original	
			<i>This code is typically used for transmitting the cost performance data.</i>	
		05	Replace	
			<i>Use this code to overwrite any previously transmitted data for a given reporting period - i.e., old data is deleted and new data is entered into the database.</i>	
		14	Advance Notification	
			<i>Use this code when preliminary cost performance data must be transmitted for a given reporting period. This preliminary transmission is then followed with a final transmission (code 20) to provide the final cost performance data for the given reporting period.</i>	
		20	Final Transmission	
			<i>Use this code to transmit final cost performance data when preliminary cost performance data (code</i>	

14) has been sent for a given reporting period.

22 Information Copy

31 Allowance/Addition

Use this code to transmit additional cost performance report formats for a given reporting period. This code is typically only used when the various report formats are sent in separate transmissions for a given reporting period.

Must Use BCS02 373 Date M DT 8/8

Date expressed as CCYYMMDD

Enter the date the data report was created. This date is used for reference purposes only.

Must Use BCS03 367 Contract Number M AN 1/30

Contract number

Enter the contract number.

Must Use BCS04 373 Date M DT 8/8

Date expressed as CCYYMMDD

Enter the report effective date. This is the current reporting month for the cost performance data.

Must Use BCS05 1166 Contract Type Code O ID 2/2

Code identifying a contract type

CW Cost Plus Award Fee

CX Cost Plus Fixed Fee

CY Cost Plus Incentive Fee

FD Fixed Price Redetermination

FE Fixed Price with Escalation

FI Fixed Price Incentive

FR Firm Fixed Price

OC Other Contract Type

A type of contract which is neither covered by an existing code nor previously mutually defined

Use the REF (1/030) segment to provide a description of the contract type when this code is used.

TM Time and Materials

Must Use BCS06 352 Description O AN 1/80

A free-form description to clarify the related data elements and their content

Provide a name or short description of the program.

Must Use BCS07 127 Reference Identification O AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

			Enter the program number.	
Must Use	BCS08	1193	Program Type Code	O ID 2/2
			Codes identifying a program type	
			<i>The codes entered here can relate to the information entered in the DLV (Deliverable Information (1/040)) segment. Refer to the notes for the DLV segment and data elements for more detail.</i>	
			01	Research, Development, Test & Evaluation (RDT&E)
			02	Production
			03	Both RDT&E and Production
			04	Other
			<i>Use this code to indicate a mixture of program types. Use the REF (1/030) segment to provide a description of the program type when this code is used.</i>	
			06	Advanced Design
			07	Full Scale Development
			<i>Generally, this code is only used for older contracts. Typically code 08, Engineering and Manufacturing Development (EMD), is used for newer, or more recent, contracts.</i>	
			08	Engineering and Manufacturing Development (EMD)
			20	Concept Exploration
			21	Demonstration Validation
			22	Deployment
			23	Low Rate Initial Production
	BCS09	786	Security Level Code	O ID 2/2
			Code indicating the level of confidentiality assigned by the sender to the information following	
			<i>Typically all data is assumed to be company proprietary information and is treated as government non-classified information (code 90). In the event codes 92, 93, or 94 are used, additional security measures such as encryption are used to protect the data.</i>	
			11	Competition Sensitive
			90	Government Non-Classified
			92	Government Confidential
			93	Government Secret
			94	Government Top Secret
	BCS10	954	Percent	O R 1/10
			Percentage expressed as a decimal	
			<i>Enter the Contractor Above Share Ratio value if applicable for the contract. A maximum of three numbers is allowed, whole numbers only, no decimals. The sum of BCS10 and BCS11 cannot be more</i>	

			<i>than 100.</i>	
	BCS11	954	Percent	O R 1/10
			Percentage expressed as a decimal	
			<i>Enter the Contractor Below Share Ratio value if applicable for the contract. A maximum of three numbers is allowed, whole numbers only, no decimals. The sum of BCS10 and BCS11 cannot be more than 100.</i>	
	BCS12	C001	Composite Unit of Measure	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
			<i>This composite is required if the transaction set includes data for Cost Performance Report Formats 1, 2, 3, or the Cost/Schedule Status Report.</i>	
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
			<i>Use this data element to indicate all total contract monetary amounts have been factored; for example, numbers represent dollars in thousands. Use the CFT (Cost Reporting Format Type) segment to indicate the factor used for a given cost performance report monetary amount or quantity details.</i>	
			DO Dollars, U.S.	
			<i>Use this code when the monetary amounts have NOT been factored.</i>	
			HU Hundred	
			<i>Use this code to indicate the monetary amounts have been factored by a hundred - i.e., hundreds of dollars.</i>	
			R5 Thousands of Dollars	
			R6 Millions of Dollars	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00103	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner	

			in which a measurement has been taken	
Not Used	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	

Segment:	REF Reference Identification
Position:	030
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<i>Use this segment to convey additional information about a contract, to provide information about a related transaction set, or to provide Contractor Data Requirements List (CDRL) references.</i>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	REF01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		72	Schedule Reference Number Identifies a number for a program schedule (for example, a logic type of network) or working schedule to complete a specific task or set of tasks <i>Use this code to indicate there is a related Project Schedule Reporting (806) transaction set(s) that complements this transaction set. Enter the unique 806 transaction set reference number in REF02. The unique reference number entered in REF02 should be the same unique reference number entered in BPP09 (1/BPP/020) in the 806 transaction set.</i>
		84	Contractor Data Requirements List (CDRL) Government or customer specific deliverables identified by line item; referenced on shipping details, etc <i>Use this code to convey CDRL reference(s) for the contract. Enter the number in REF02.</i>
		BE	Business Activity <i>Use this code when BCS08, Program Type Code, is code 04 for "Other" to describe what "Other" means. Enter the description in REF03. Use this code only one time per transaction set.</i>
		C4	Change Number

				<p><i>Use this code to convey the latest change or modification number for the contract. Enter the number in REF02. Use this code only one time per transaction set.</i></p>
		CA	Cost Allocation Reference	<p><i>Use this code to provide a unique reference number for this Project Cost Reporting (839) transaction set. This unique number is used to link related transaction sets together (for example, with a Project Schedule Reporting 806 or Specifications/Technical Information 841 transaction set). Enter the unique reference number for this transaction set in REF02. Use this code only one time per transaction set.</i></p>
		CT	Contract Number	<p><i>Use this code when BCS05 is code "OC" for other contract types to describe what "other" means. Enter the description in REF03. Use this code only one time per transaction set.</i></p>
		KL	Contract Reference	<p><i>Use this code to provide a contract name. Enter the contract name in REF03. Use this code only one time per transaction set.</i></p>
		ME	Message Address or ID	<p><i>Use this code to indicate there is a related Text Message (864) transaction set(s) that complements this transaction set. Enter the unique 864 transaction set reference number in REF02. The unique reference number entered in REF02 should be the same unique reference number entered in REF02 (1/REF/080) in the 864 transaction set (which also uses the ME code in REF01).</i></p>
	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>Use this data element when REF01 is code 72, 84, C4, CA, ME, or NJ.</i>	
	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
			<i>Use this data element when REF01 is code BE, CT, or KL.</i>	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3

			Code qualifying the Reference Identification	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment:	DLV Deliverable Information
Position:	040
Loop:	
Level:	Heading
Usage:	Optional
Max Use:	>1
Purpose:	To identify the product to be delivered or the service to be performed
Syntax Notes:	1 If either DLV02 or DLV03 is present, then the other is required.
Semantic Notes:	
Comments:	
Notes:	<p><i>1. This segment is required if the transaction set includes data for the Cost Performance Report Format 1.</i></p> <p><i>2. This segment can be repeated as needed to relate a quantity to a specific product or service provided when a contract includes more than one product or service.</i></p> <p><i>3. This segment can also be repeated as needed to indicate a specific quantity (typically a product of some type) associated with different phases of a contract (the program type code), such as RDT&E or Production. Use the DLV04 data element to relate a specific quantity with a specific program type code.</i></p> <p><i>4. The receiving application may have certain requirements for this segment. When sending data to the customer, ensure all guidelines are followed.</i></p>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DLV01	330	Quantity Ordered	M R 1/15
			Quantity ordered	
			<i>Enter the quantity associated with a specific type of product or service. It can also reflect a specific Program Type when DLV04 is used.</i>	
Must Use	DLV02	235	Product/Service ID Qualifier	X ID 2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)	
			F7 End-Item Description	
			Item identifier describes an end-item associated with the use of the required material	
Must Use	DLV03	234	Product/Service ID	X AN 1/48
			Identifying number for a product or service	
			<i>Enter a short description of the product or service.</i>	
	DLV04	1193	Program Type Code	O ID 2/2
			Codes identifying a program type	
			<i>Typically BCS08 is used to identify the Program Type Code for the</i>	

contract. Use this data element when there is a mixture of program types (BCS08 is code 03 or 04) and specific quantities need to be identified for each program type. For the quantity entered in DLV01, indicate the associated program type with this data element.

- 01 Research, Development, Test & Evaluation (RDT&E)
- 02 Production
- 04 Other

Use this code to indicate a mixture of program types. Enter a description in DLV05.

- 06 Advanced Design
- 07 Full Scale Development

Generally, this code is only used for older contracts. Typically code 08, Engineering and Manufacturing Development (EMD), is used for newer, or more recent, contracts.

- 08 Engineering and Manufacturing Development (EMD)
- 20 Concept Exploration
- 21 Demonstration Validation
- 22 Deployment
- 23 Low Rate Initial Production

DLV05 352 Description O AN 1/80

A free-form description to clarify the related data elements and their content

Use this data element to enter a description of other program types when DLV04 is code 04.

Segment: **AMT** Monetary Amount
Position: 050
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Notes: *This segment is required if the transaction set includes data for the Cost Performance Report Formats 1, 3, or the Cost/Schedule Status Report. Use this segment to provide total contract monetary amount information.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	AMT01	522 Amount Qualifier Code	M ID 1/3

Code to qualify amount

Provide all monetary amounts that apply to the contract for the given cost performance report format(s) included in the transaction set.

1A	Variance
1B	Variance Adjustment Cost
1C	Variance Adjustment Schedule
26	Negotiated Cost The estimated cost negotiated in a Cost-Plus-Fixed-Fee contract or the negotiated contract target cost in either a Fixed-Price-Incentive contract or a Cost-Plus-Incentive-Fee contract
27	Authorized Unpriced Work Effort for which written authorization has been received but defined costs have not been agreed to
28	Target Price The negotiated contract cost plus profit or fee applicable to the defined contract effort
29	Estimated Price The latest revised estimate of the total cost at complete for a contract
30	Contract Ceiling The ceiling price applicable to defined effort
31	Estimated Contract Ceiling The estimated ceiling price applicable to all authorized contract effort (both defined and undefined)

32	<p>Target Fee or Profit Amount</p> <p>The fee (can also be percent) of profit that will apply to defined contract effort</p> <p><i>Use this code when the Target Fee or Profit is a monetary amount. Use the PCT segment when the Target Fee or Profit is a percentage. Either method can be used to describe this required information (when applicable), but use ONLY ONE - i.e., if this code in the AMT segment is used, DO NOT use the following PCT segment.</i></p>
33	<p>Original Contract Target Cost</p> <p>Value of the original negotiated contract</p> <p><i>Use this code for the Original Negotiated Cost item on the Cost Performance Report Format 3 as well as the Original Contract Target Cost item on the Cost/Schedule Status Report.</i></p>
34	<p>Negotiated Contract Changes</p> <p>The cumulative cost (excludes fee and profit) applicable to defined contract changes that have occurred since the beginning of the contract</p>
35	<p>Current Target Cost</p> <p>Sum of Original Contract Target Cost and Negotiated Contract Changes</p> <p><i>Use this code for the Current Negotiated Cost on the Cost Performance Report Format 3.</i></p>
36	<p>Contract Budget Base (CBB)</p> <p>Sum of Current Target Cost and Estimated Cost of Authorized, Unpriced Work</p>
45	<p>Cumulative Schedule Variance (SV)</p> <p>The cumulative difference between the cumulative Budgeted Cost for Work Performed and the cumulative Budgeted Cost for Work Scheduled</p>
46	<p>Cumulative Cost Variance (CV)</p> <p>The cumulative difference between the cumulative Budgeted Cost for Work Performed and the cumulative Actual Cost for Work Performed</p>
47	<p>Reprogram Cost Variance</p> <p>Adjustments to previously reported variances due to reprogramming efforts</p> <p><i>Use this code to enter the performance measurement baseline reprogramming adjustments cost variance for the contract.</i></p>
48	<p>Reprogram Budget</p> <p>Adjustments to the budget due to reprogramming</p>

	efforts
	<i>Use this code to enter the performance measurement baseline reprogramming adjustments budget for the contract.</i>
49	At Complete Budget (BAC) The total budget assigned to a work package or task; also, the total budget of any summary of these work tasks
	<i>Use this code to enter the performance measurement baseline budgeted cost at completion for the contract.</i>
50	At Complete Latest Revised Estimate (LRE) Latest estimate of cost at completion including over or under runs for all authorized work; it is the sum or the actuals to date plus the estimate of remaining work (Estimate to Complete or ETC)
	<i>Use this code to enter the performance measurement baseline estimated cost at completion for the contract.</i>
51	At Complete Variance The difference between the Budget at Complete and the Estimate at Complete
52	Total Allocated Budget Sum of all budgets allocated to the performance of a contract
53	Difference (Contract Budget Base - Total Allocated Budget) The difference between the Contract Budget Base and the Total Allocated Budget
85	Best Case Estimate Best case estimate of cost at the completion for risk analysis calculations
	<i>Use this code to enter the best case Management Estimate at Completion.</i>
86	Worst Case Estimate Worst case estimate of cost at completion for risk analysis calculations
	<i>Use this code to enter the worst case Management Estimate at Completion.</i>
87	Most Likely Estimate Most likely estimate of cost completion for risk analysis calculations
	<i>Use this code to enter the most likely Management Estimate at Completion.</i>

			CY	Cumulative Budget <i>Use this code to enter the performance measurement baseline cumulative budget cost for the contract.</i>	
			CZ	Cumulative Earned Value <i>Use this code to enter the performance measurement baseline cumulative earned value cost for the contract.</i>	
			D9	Cumulative Actual <i>Use this code to enter the performance measurement baseline cumulative actual cost for the contract.</i>	
Must Use	AMT02	782	Monetary Amount		M R 1/18
			Monetary amount		
				<i>For all monetary amounts, if entering factored monetary amounts such as thousands of dollars (notation from 1/BCS12/C00101), use only one decimal place when applicable.</i>	
Not Used	AMT03	478	Credit/Debit Flag Code		O ID 1/1
			Code indicating whether amount is a credit or debit		

Segment: **PCT** Percent Amounts
Position: 060
Loop:
Level: Heading
Usage: Optional
Max Use: >1
Purpose: To qualify percent amounts and supply percent amounts
Syntax Notes:
Semantic Notes:
Comments:

Notes:

1. The maximum use for this segment is 1. Use this segment when the Target Fee or Profit is defined as a percentage for the Cost Performance Report Format 1. Use the previous AMT segment when the Target Fee or Profit is defined as a specific monetary amount. If this segment is used, DO NOT use the AMT segment to provide Target Fee or Profit information.

2. Include the Target Fee or Profit when this information applies to the contract. If it applies, it is required information for the Cost Performance Report Format 1. This information must be provided using either the previous AMT segment or this PCT segment.

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	PCT01	1004	Percent Qualifier	M ID 1/2
			Code to qualify percent	
			05 Target Fee or Profit	
			The negotiated contract fee or profit applicable to one defined contract effort	
Must Use	PCT02	954	Percent	M R 1/10
			Percentage expressed as a decimal	
			<i>A maximum of five characters is allowed, with up to one decimal place.</i>	

Segment: **DTM** Date/Time Reference
Position: 070
Loop:
Level: Heading
Usage: Optional (Must Use)
Max Use: >1
Purpose: To specify pertinent dates and times
Syntax Notes:

- 1 At least one of DTM02 DTM03 or DTM05 is required.
- 2 If DTM04 is present, then DTM03 is required.
- 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *This segment is required. Use this segment to provide all total contract date information.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	DTM01	374 Date/Time Qualifier	M ID 3/3

Code specifying type of date or time, or both date and time

Provide all dates that apply to the contract for the given cost performance report format(s) included in the transaction set.

090 Report Start
Use this code to define the start date for the current reporting period. This is required for all report formats. This date should be the same for all report formats included in the transaction set.

091 Report End
Use this code to define the end date for the current reporting period. This is required for all report formats. This date should be the same for all report formats included in the transaction set.

196 Start
Use this code to indicate a work start date when the work start date is different from the contract start date (code 276).

245 Estimated Completion
 The revised plan or estimate of the complete date for a task or activity
This date is required for the Cost Performance Report Format 3.

276 Contract Start
 The start date for a contract
This date is required for the Cost Performance

				Report Format 3.	
		277	Contract Definition	The date the contract was definitized	
				Use this code for the contract definitization date. This date is required for the Cost Performance Report Format 3.	
		278	Last Item Delivery	The date the last item will be delivered to the customer	
				Use this code for the Planned Completion Date item on the Cost Performance Report Format 3. This date is required for the Cost Performance Report Format 3.	
		279	Contract Completion	The finish date for a contract	
				This date is required for the Cost Performance Report Format 3.	
		281	Over Target Baseline Month	The date a budget baseline went over the target budget amount	
				Use this code in the event an over target situation is encountered on the contract. Enter the over target baseline month ending date in DTM02.	
Must Use	DTM02	373	Date	X	DT 8/8
				Date expressed as CCYYMMDD	
Not Used	DTM03	337	Time	X	TM 4/8
				Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code	O	ID 2/2
				Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250	Date Time Period Format Qualifier	X	ID 2/3
				Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period	X	AN 1/35
				Expression of a date, a time, or range of dates, times or dates and times	

Segment:	N1 Name
Position:	080
Loop:	N1 Mandatory
Level:	Heading
Usage:	Mandatory
Max Use:	1
Purpose:	To identify a party by type of organization, name, and code
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of N102 or N103 is required. 2 If either N103 or N104 is present, then the other is required.
Semantic Notes:	
Comments:	<ol style="list-style-type: none"> 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party. 2 N105 and N106 further define the type of entity in N101.
Notes:	<i>Whenever possible, identification and address information should be provided using N101, N103, and N104. Use N102 and segments N2, N3, and N4 as applicable when this information cannot be provided by using one of the codes listed in N103.</i>

Data Element Summary

Ref.	Data			Attributes
Des.	Element	Name		
Must Use	N101	98	Entity Identifier Code	M ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	
		FR	Message From	
			<i>Use this code to identify the organization sending the cost performance data.</i>	
		TO	Message To	
			<i>Use this code to identify the organization receiving the cost performance data.</i>	
		ZD	Party to Receive Reports	
			The organization designated to receive reports	
			<i>Use this code to identify the organization that receives an information copy of the cost performance data.</i>	
N102	93	Name		X AN 1/60
			Free-form name	
N103	66	Identification Code Qualifier		X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
		1	D-U-N-S Number, Dun & Bradstreet	
		9	D-U-N-S+4, D-U-N-S Number with Four Character Suffix	

		10	Department of Defense Activity Address Code (DODAAC)	
		33	Commercial and Government Entity (CAGE)	
	N104	67	Identification Code	X AN 2/80
			Code identifying a party or other code	
Not Used	N105	706	Entity Relationship Code	O ID 2/2
			Code describing entity relationship	
Not Used	N106	98	Entity Identifier Code	O ID 2/3
			Code identifying an organizational entity, a physical location, property or an individual	

Segment: **N2** Additional Name Information

Position: 090

Loop: N1 Mandatory

Level: Heading

Usage: Optional

Max Use: 2

Purpose: To specify additional names or those longer than 35 characters in length

Syntax Notes:

Semantic Notes:

Comments:

Notes: *This segment should only be used when N102 is used and it is necessary to provide additional name information.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N201	93	Name Free-form name	M AN 1/60
	N202	93	Name Free-form name	O AN 1/60

Segment: **N3** Address Information
Position: 100
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 2
Purpose: To specify the location of the named party
Syntax Notes:
Semantic Notes:
Comments:
Notes: *This segment should only be used when N102 is used.*

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	N301	166	Address Information	M AN 1/55
			Address information	
	N302	166	Address Information	O AN 1/55
			Address information	

Segment: **N4 Geographic Location**
Position: 110
Loop: N1 Mandatory
Level: Heading
Usage: Optional
Max Use: 1
Purpose: To specify the geographic place of the named party
Syntax Notes: 1 If N406 is present, then N405 is required.
Semantic Notes:
Comments: 1 A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2 N402 is required only if city name (N401) is in the U.S. or Canada.
Notes: *This segment should only be used when N102 is used.*

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	N401	19	City Name	O AN 2/30
			Free-form text for city name	
Must Use	N402	156	State or Province Code	O ID 2/2
			Code (Standard State/Province) as defined by appropriate government agency	
Must Use	N403	116	Postal Code	O ID 3/15
			Code defining international postal zone code excluding punctuation and blanks (zip code for United States)	
	N404	26	Country Code	O ID 2/3
			Code identifying the country	
Not Used	N405	309	Location Qualifier	X ID 1/2
			Code identifying type of location	
Not Used	N406	310	Location Identifier	O AN 1/30
			Code which identifies a specific location	

Segment: **PER** Administrative Communications Contact

Position: 120

Loop: N1 Mandatory

Level: Heading

Usage: Optional (Must Use)

Max Use: >1

Purpose: To identify a person or office to whom administrative communications should be directed

Syntax Notes:

- 1 If either PER03 or PER04 is present, then the other is required.
- 2 If either PER05 or PER06 is present, then the other is required.
- 3 If either PER07 or PER08 is present, then the other is required.

Semantic Notes:**Comments:**

Notes: *At least one repetition of the PER segment is required per transaction set to identify a contact person for the report. This should be a specific individual's name.*

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
Must Use	PER01	366	Contact Function Code	M ID 2/2
Code identifying the major duty or responsibility of the person or group named				
		AA	Authorized Representative	
<i>Use this code for the sending contractor's contact person's name. This code is required.</i>				
		BD	Buyer Name or Department	
<i>Use this code to identify the sending contractor's organization or department. This code is optional.</i>				
		PP	Program Manager	
<i>Use this code to identify the receiving Program Manager or Program Office person's name. This code is optional.</i>				
Must Use	PER02	93	Name	O AN 1/60
Free-form name				
<i>1. When PER01 is code AA or PP, enter the person's name. Provide the last name, first name, and middle initial if available. Include blank spaces between name components and periods after initials. Omit the comma between the last name and first name.</i>				
<i>2. When PER01 is code BD, enter the sending contractor's organization code or department reference.</i>				
	PER03	365	Communication Number Qualifier	X ID 2/2
Code identifying the type of communication number				

1. Use PER03 and PER04 to identify the preferred method of communication. Use PER05, PER06, PER07, and PER08 as needed to identify alternate communication methods.

2. Do not include blank space, dashes or parentheses between numbers.

EM Electronic Mail

FX Facsimile

Use to identify the facsimile (FAX) telephone number.

IT International Telephone

Include country and city codes.

TE Telephone

Use to identify the commercial telephone number. Include the area code and number.

PER04 364 Communication Number X AN 1/80

Complete communications number including country or area code when applicable

PER05 365 Communication Number Qualifier X ID 2/2

Code identifying the type of communication number

EM Electronic Mail

EX Telephone Extension

When used, there must be a previous communication number citing either a national or international telephone number.

FX Facsimile

Use to identify the facsimile (FAX) telephone number.

IT International Telephone

Include country and city codes.

TE Telephone

Use to identify the commercial telephone number. Include the area code and number.

PER06 364 Communication Number X AN 1/80

Complete communications number including country or area code when applicable

PER07 365 Communication Number Qualifier X ID 2/2

Code identifying the type of communication number

EM Electronic Mail

EX Telephone Extension

When used, there must be a previous communication number citing either a national or international telephone number.

FX Facsimile
Use to identify the facsimile (FAX) telephone number.

IT International Telephone
Include country and city codes.

TE Telephone
*Use to identify the commercial telephone number.
 Include the area code and number.*

PER08 364 Communication Number X AN 1/80

Complete communications number including country or area code when applicable

PER09 443 Contact Inquiry Reference O AN 1/20

Additional reference number or description to clarify a contact number

Use this data element when PER01 is code AA or PP to enter the title of the person named in PER02.

Segment: DTM Date/Time Reference**Position:** 140**Loop:** N1 Mandatory**Level:** Heading**Usage:** Optional (Must Use)**Max Use:** >1**Purpose:** To specify pertinent dates and times

- Syntax Notes:**
- 1 At least one of DTM02 DTM03 or DTM05 is required.
 - 2 If DTM04 is present, then DTM03 is required.
 - 3 If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:**Comments:****Notes:** *This segment is required.***Data Element Summary**

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	DTM01	374	Date/Time Qualifier		M ID 3/3
				Code specifying type of date or time, or both date and time	
			275	Approved	
				Date report was approved by contractor representative	
				<i>Use this code to indicate the date the data was approved for submission.</i>	
Must Use	DTM02	373	Date		X DT 8/8
				Date expressed as CCYYMMDD	
Not Used	DTM03	337	Time		X TM 4/8
				Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	DTM04	623	Time Code		O ID 2/2
				Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	DTM05	1250	Date Time Period Format Qualifier		X ID 2/3
				Code indicating the date format, time format, or date and time format	
Not Used	DTM06	1251	Date Time Period		X AN 1/35
				Expression of a date, a time, or range of dates, times or dates and times	

Segment: **CFT** Cost Reporting Format Type

Position: 010

Loop: CFT Mandatory

Level: Detail

Usage: Mandatory

Max Use: 1

Purpose: To identify the cost reporting type, type of units reported, and funds details for the Contract Funds Status Report (CFSR)

Syntax Notes:

- 1 If either CFT04 or CFT05 is present, then the other is required.
- 2 If either CFT06 or CFT07 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Name</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u>		
Must Use	CFT01	755	Report Type Code	M ID 2/2
			Code indicating the title or contents of a document, report or supporting item	
		CX	Cost/Schedule Status Report (C/SSR)	
			Contract status report showing budget, performance, actual, cost variance, schedule variance, budget at complete, estimate at complete, and variance at complete at specified levels of the work breakdown structure	
		F1	Cost Performance Report (CPR) Format 1	
			Detailed contract status report including current reporting month values at specified levels of the work breakdown structure	
		F2	Cost Performance Report (CPR) Format 2	
			Detailed contract status report at specified levels of the organization breakdown structure	
		F3	Cost Performance Report (CPR) Format 3	
			Contract baseline report that summarizes changes to the contract over a given reporting period with beginning and ending values	
		F4	Cost Performance Report (CPR) Format 4	
			Contract resource summary report that forecasts labor requirements for the remainder of a contract	
		F5	Cost Performance Report (CPR) Format 5	
			Contract summary or detail report explaining significant cost or schedule variances	
		LP	Labor Plan	
			<i>Use this code for the working months or hours</i>	

			<i>Budget at Complete (BAC) Format 4 type of detail report for each functional category. This is an optional report format.</i>	
			VA	Variance Analysis
			<i>Use this code only for reporting variance analysis details for the Cost/Schedule Status Report (C/SSR).</i>	
	CFT02	C001	Composite Unit of Measure	O
To identify a composite unit of measure (See Figures Appendix for examples of use)				
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
<i>1. This data element is required for the Cost Performance Report Formats 1, 2, 3, and 4, and the Cost/Schedule Status Report. Use this data element to indicate the factor used for the report monetary amount details for the Cost Performance Reports 1, 2, and 3, and the Cost/Schedule Status Report. Use this data element to indicate the quantity type used for the Cost Performance Report Format 4.</i>				
<i>2. This data element can also be used for the Cost Performance Report Format 5 and the Variance Analysis information for the Cost/Schedule Status Report to indicate the factor used in the event monetary amounts are included for these reports.</i>				
			DO	Dollars, U.S.
			<i>Use this code when the monetary amounts have NOT been factored.</i>	
			HR	Hours
			HU	Hundred
			<i>Use this code to indicate the monetary amounts have been factored by a hundred - i.e., hundreds of dollars.</i>	
			R5	Thousands of Dollars
			R6	Millions of Dollars
			WM	Working Months
Not Used	C00102	1018	Exponent	O R 1/15
Power to which a unit is raised				
Not Used	C00103	649	Multiplier	O R 1/10
Value to be used as a multiplier to obtain a new value				
	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
<i>Only use this data element when the quantities entered in 2/QTY02/080 for the report specified in CFT01 are factored; for example, numbers</i>				

represent hours in hundreds or thousands. Leave this data element blank if working months or hours are not factored.

HU Hundred

Use this code to indicate quantities (working months or hours) are factored by a hundred -i.e., hundreds of hours.

TH Thousand

Use this code to indicate quantities (working months or hours) are factored by a thousand -i.e., thousands of hours.

Not Used	C00105	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	CFT03	1198	Contracting Funding Code	O ID 2/2
			Code identifying the funding type	
Not Used	CFT04	374	Date/Time Qualifier	X ID 3/3
			Code specifying type of date or time, or both date and time	
Not Used	CFT05	373	Date	X DT 8/8
			Date expressed as CCYYMMDD	

Not Used	CFT06	374	Date/Time Qualifier Code specifying type of date or time, or both date and time	X	ID 3/3
Not Used	CFT07	373	Date Date expressed as CCYYMMDD	X	DT 8/8
Not Used	CFT08	1199	Appropriation Code Code indicating the funds appropriation	O	ID 2/2
Not Used	CFT09	352	Description A free-form description to clarify the related data elements and their content	O	AN 1/80

Segment:	CAL Calendar
Position:	020
Loop:	CFT Mandatory
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To identify the calendar and working shift details for the plan or schedule
Syntax Notes:	1 If either CAL14 or CAL15 is present, then the other is required.
Semantic Notes:	1 CAL01 identifies whether a reference number is a calendar or shift.
Comments:	
Notes:	<p><i>1. This segment is required for the Cost Performance Report Formats 3 and 4. It is used to describe the projected and at complete time frames for the specified report (2/CFT01/010).</i></p> <p><i>2. Up to 5 projected time frames and one at complete time frame can be described with the calendar segment. For the 5 projected time frames, select a number that is appropriate for the months, quarters, or years left on the contract. Typically, the last time frame represents the remainder of the contract (to complete data). Repeat this segment up to 6 times to describe the 5 projected time frames and one at complete time frame. This time frame description includes a period number reference, number of reporting periods in a projected time frame, and a short text description.</i></p> <p><i>3. The calendar information entered here should match the period ending date information entered in the 2/PAM08/090 data element (Period Amount segment, Date) for the projected and at complete time frames.</i></p> <p><i>4. The receiving application may limit the number of projected time frames that need to be provided. Confirm any specific requirements with your customer.</i></p>

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	CAL01	128	Reference Identification Qualifier		M ID 2/3
			Code qualifying the Reference Identification		
			70	Calendar Number	
				Identifies a working calendar (for example, Monday through Friday) for a company, division, or labor group	
Must Use	CAL02	127	Reference Identification		M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		
			<i>Enter the period number "1", "2", "3", "4", "5", or "At Complete" to identify the projected and at complete time frames. When period numbers 1 through 5 are used, period number 5 is used to represent the remainder of the contract (to complete information). For contracts that</i>		

are close to completion, the last period number applicable can also be used to represent the remainder of the contract.

Not Used	CAL03	344	Unit of Time Period or Interval	O ID 2/2
			Code indicating the time period or interval	
Not Used	CAL04	374	Date/Time Qualifier	O ID 3/3
			Code specifying type of date or time, or both date and time	
Not Used	CAL05	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CAL06	337	Time	O TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	CAL07	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	CAL08	678	Ship/Delivery or Calendar Pattern Code	O ID 1/2
			Code which specifies the routine shipments, deliveries, or calendar pattern	
Not Used	CAL09	374	Date/Time Qualifier	O ID 3/3
			Code specifying type of date or time, or both date and time	
Not Used	CAL10	373	Date	O DT 8/8
			Date expressed as CCYYMMDD	
Not Used	CAL11	337	Time	O TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	CAL12	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
Not Used	CAL13	678	Ship/Delivery or Calendar Pattern Code	O ID 1/2
			Code which specifies the routine shipments, deliveries, or calendar pattern	
Must Use	CAL14	673	Quantity Qualifier	X ID 2/2
			Code specifying the type of quantity	
			10 Calendar Units	

The number of calendar units such as 1 per day or 1 per week

Must Use	CAL15	380	Quantity	X R 1/15
			Numeric value of quantity	
			<i>Enter the number of reporting months (or periods) for the projected time frame.</i>	
	CAL16	369	Free-form Description	O AN 1/45
			Free-form descriptive text	
			<i>Enter a short description of the projected time frame. For example, enter "FY05" for fiscal year 2005, or "RYRS" for remaining years on a contract. A maximum of four characters is recommended. Provide this description when CAL02 is "1", "2", "3", "4", or "5". Leave this data element blank when CAL02 is "At Complete".</i>	

Segment:	BSD Breakdown Structure Description
Position:	040
Loop:	BSD Optional (Must Use)
Level:	Detail
Usage:	Optional (Must Use)
Max Use:	1
Purpose:	To define discrete line items within industry or government reports
Syntax Notes:	1 At least one of BSD02 or BSD03 is required.
Semantic Notes:	1 BSD05 is the summary level structure code reference. 2 BSD07 is the summary level reporting structure identification.

Comments:**Notes:**

This segment is required. This segment is used to define the reporting structures (Work Breakdown or Organization Breakdown) for the contract. CDRL and receiving application requirements will determine the level of detail required (for example, lowest level elements only). Confirm what data elements need to be included for the customer. Associated cost, quantity, and text details for each reporting element are described using the AMT, QTY, PAM, and MSG segments in this BSD segment loop as needed.

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>		
Must Use	BSD01	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		74 Work Breakdown Structure (WBS)	
		A product-oriented family tree composed of hardware, software, services, and data that completely defines the project or program	
		<i>Use this code for the Cost Performance Report Formats 1, 3, and 5, as well as the Cost/Schedule Status Report and related Variance Analysis information.</i>	
		75 Organization Breakdown Structure	
		A functionally oriented family tree that shows organization relationships and is used as the framework for assigning work responsibilities	
		<i>Use this code for the Cost Performance Report Formats 2 and 4. This code can also be used when Organization Breakdown Structure element codes are used to convey Cost Performance Report Format 5 information.</i>	
Must Use	BSD02	127 Reference Identification	X AN 1/30
		Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
		<i>1. Enter the appropriate Work Breakdown Structure (WBS) or</i>	

Organization Breakdown Structure (OBS) element code.

2. The receiving application may have certain requirements for the element codes used for bottom line totals for Cost Performance Report Format 1 or a Cost/Schedule Status Report. Specific element codes may be required for such items as Overhead, Cost of Money, Undistributed Budget, and Management Reserve. When sending data to the customer, ensure all element code requirements and guidelines are followed.

3. Specific element codes may also be required for the Cost Performance Report Format 3. This includes the codes used for beginning period information, end of period information, and baseline changes. Again, confirm any element code requirements with the customer.

BSD03 352 Description X AN 1/80

A free-form description to clarify the related data elements and their content

Enter a description of the element. This data element is optional, but the receiving application may need this information. Confirm with the customer whether this description needs to be provided.

BSD04 1178 Level O AN 1/3

Reporting structure identification

Enter the reporting structure level number for the element code entered in BSD02. This is REQUIRED for the Cost Performance Report Formats 1, 2, and 4, and the Cost/Schedule Status Report.

BSD05 127 Reference Identification O AN 1/30

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Enter the parent element code for the element code entered in BSD02. This is REQUIRED for all lower level element codes for the Cost Performance Reports 1, 2, and 4, and the Cost/Schedule Status Report. This data element is left blank for these formats (i.e., no entry is required) when a level 1 element code is entered in BSD02, as it does not have a parent element code.

BSD06 1196 Breakdown Structure Detail Code O ID 2/2

Codes identifying details relating to a reporting breakdown structure tree

Use this data element to describe cost element details for a given element code or to provide additional cost element details for bottom line totals for Cost Performance Report Formats 1 and 2 or Cost/Schedule Status Report.

01	Labor
	Direct labor costs
02	Material
	Direct material

03	Other Direct Costs (ODC)
	Other costs associated with a contract such as freight, travel, postage
04	Subcontract
	Direct subcontract
05	Labor and Material
	Sum of labor and material items
06	Labor Overhead
	Indirect costs associated with direct labor
07	Material Overhead
	Indirect costs associated with direct material
09	Total Overhead
	Total of all indirect costs incurred on a contract
10	Total General and Administrative
	Total of all general and administrative types of indirect costs incurred on a contract
26	Recurring
	Costs that will incur continually over the life of the contract
27	Nonrecurring
	Costs that will only be incurred once
28	Total
39	Other Costs
53	Production Related
MR	Management Reserve
UB	Undistributed Budget

BSD07 1178 Level O AN 1/3

Reporting structure identification

Enter the reporting structure level number for the parent element code entered in BSD05. This data element is recommended when there is an entry in BSD05. This data element is left blank when BSD05 is blank.

Not Used BSD08 786 Security Level Code O ID 2/2

Code indicating the level of confidentiality assigned by the sender to the information following

Segment:	REF Reference Identification
Position:	050
Loop:	BSD Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To specify identifying information
Syntax Notes:	<ol style="list-style-type: none"> 1 At least one of REF02 or REF03 is required. 2 If either C04003 or C04004 is present, then the other is required. 3 If either C04005 or C04006 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 REF04 contains data relating to the value cited in REF02.
Comments:	
Notes:	<i>Use this segment to provide any reference details associated with a reporting element described in the BSD (Breakdown Structure Description) segment.</i>

Data Element Summary				
	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	REF01	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			3J Office Number	
			<i>Use this code to identify a Project or Program Office.</i>	
			79 Cost Account	
			A management control point for cost and schedule planning and control; it represents that work assigned to one responsible organization element and to one work breakdown structure element	
			AT Appropriation Number	
			<i>Use this code for the appropriation identification. Use this code only one time for each BSD reporting element.</i>	
			C7 Contract Line Item Number	
			KU Office Symbol	
			A number assigned for reference to a specific office within an organization	
Must Use	REF02	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	REF03	352	Description	X AN 1/80
			A free-form description to clarify the related data elements and their content	
Not Used	REF04	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as	

			specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **AMT** Monetary Amount
Position: 070
Loop: BSD Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Notes: *This segment is required for the Cost Performance Report Formats 1, 2, and 3, and the Cost/Schedule Status Report. For the Cost Performance Report Format 3, this segment is used in combination with the PAM (Period Amounts) segment.*

Data Element Summary

Ref.	Data	Name	Attributes
Des.	Element		
Must Use	AMT01	522 Amount Qualifier Code	M ID 1/3

Code to qualify amount

1. For the Cost Performance Report Formats 1 and 2, and the Cost/Schedule Status Report, typically only the cumulative to date Budget, Earned Value, and Actual data plus at complete data are required for a specific reporting element (codes CY, CZ, D9, 49, and 50). As an option for Formats 1 and 2, current period Budget, Earned Value, and Actual data can be included along with the cumulative to date information (codes B5, CW, and CX). Current period information is not needed for the Cost/Schedule Status Report. Use codes 47 and 48 to provide Reprogramming amount details if applicable.

2. For the Cost Performance Report Format 3, when baseline changes are included, use any amount qualifier listed here to identify the amount(s) associated with the line item. The MSG segment can be used to describe the change if needed. Codes B5, CY, and MB are typically used for the Begin of Period and End of Period amount details.

3. Typically values that can be calculated (for example, cost and schedule variances) are not transmitted. The qualifier codes for these values are included in the event a customer specifically requests them.

1B	Variance Adjustment Cost
1C	Variance Adjustment Schedule
1D	Escalation
30	Contract Ceiling
	The ceiling price applicable to defined effort
32	Target Fee or Profit Amount

	The fee (can also be percent) of profit that will apply to defined contract effort
35	Current Target Cost Sum of Original Contract Target Cost and Negotiated Contract Changes
36	Contract Budget Base (CBB) Sum of Current Target Cost and Estimated Cost of Authorized, Unpriced Work
40	Current Schedule Variance (SV) The difference between the Budgeted Cost for Work Performed and the Budgeted Cost for Work Scheduled
41	Current Cost Variance (CV) The difference between the Budgeted Cost for Work Performed and the Actual Cost of Work Performed
45	Cumulative Schedule Variance (SV) The cumulative difference between the cumulative Budgeted Cost for Work Performed and the cumulative Budgeted Cost for Work Scheduled
46	Cumulative Cost Variance (CV) The cumulative difference between the cumulative Budgeted Cost for Work Performed and the cumulative Actual Cost for Work Performed
47	Reprogram Cost Variance Adjustments to previously reported variances due to reprogramming efforts
48	Reprogram Budget Adjustments to the budget due to reprogramming efforts
49	At Complete Budget (BAC) The total budget assigned to a work package or task; also, the total budget of any summary of these work tasks
50	At Complete Latest Revised Estimate (LRE) Latest estimate of cost at completion including over or under runs for all authorized work; it is the sum or the actuals to date plus the estimate of remaining work (Estimate to Complete or ETC)
51	At Complete Variance The difference between the Budget at Complete and the Estimate at Complete
B	Estimated Indicates the estimated amount
B5	Budgeted

			<i>Use this code for current period budget values.</i>	
		BM	Adjustments	
		CW	Earned Value	
			<i>Use this code for current period earned value values.</i>	
		CX	Actual	
			<i>Use this code for current period actual values.</i>	
		CY	Cumulative Budget	
		CZ	Cumulative Earned Value	
		D9	Cumulative Actual	
		MB	Undistributed Budget	
			Budget applicable to contract effort, but not yet assigned to a specific task or activity	
		MR	Management Reserve	
			An amount of the total allocated budget withheld for management control purposes	
Must Use	AMT02	782	Monetary Amount	M R 1/18
			Monetary amount	
			<i>For all monetary amounts, if entering factored monetary amounts such as thousands of dollars (notation from CFT02/C00101), use only one decimal place when applicable.</i>	
Not Used	AMT03	478	Credit/Debit Flag Code	O ID 1/1
			Code indicating whether amount is a credit or debit	

Segment: **QTY** Quantity
Position: 080
Loop: BSD Optional (Must Use)
Level: Detail
Usage: Optional
Max Use: >1
Purpose: To specify quantity information
Syntax Notes: 1 At least one of QTY02 or QTY04 is required.
2 Only one of QTY02 or QTY04 may be present.
Semantic Notes: 1 QTY04 is used when the quantity is non-numeric.

Comments:**Notes:**

1. This segment is required for the Cost Performance Report Format 4 and is used in combination with the PAM (Period Amount) segment. This segment is used to convey working month or hour labor quantities. The qualifier entered in 2/CFT02/C00101 for Format 4 indicates if the values entered in QTY02 are working months (code WM) or hours (code HR). If quantities are factored, the qualifier entered in 2/CFT02/C00104 indicates the factor (hundreds or thousands).

2. This segment can also be used for the Cost Performance Report Formats 1, 2, or 3 when hour quantities are required in addition to monetary amount details (AMT segment).

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	QTY01	673 Quantity Qualifier	M ID 2/2

Code specifying the type of quantity

Typically any values that can be calculated such as cost and schedule variances for optional hour quantities included for the Cost Performance Report Formats 1 and 2 are not transmitted. The qualifier codes for these values are included in the event a customer specifically requests them.

A5 Adjusted Quantity

AT Actual

Use this code for current period actual values.

AU Cumulative Actual

AV Budget

Use this code for current period budget values.

AW Cumulative Budget

BC Budget At Complete

VC Cumulative Earned Value

The cumulative sum of the value of completed work or completed portions of work effort expressed in

			quantity units, typically hours	
		VE	Earned Value	
			The value of completed work or completed portions of work effort expressed in quantity units, typically hours	
			<i>Use this code for current period earned value values.</i>	
		VH	Schedule Variance	
			The difference between the budget planned for a task and the earned value (work accomplished for the task), typically represented in hours	
			<i>Use this code for current period schedule variance values.</i>	
		VI	Cumulative Schedule Variance	
			The cumulative sum of the difference between the budget planned for a task and the earned value (work accomplished for a task), typically represented in hours	
		VJ	Cumulative Variance	
			The difference between the actual numbers for a task and the earned value (work accomplished for the task), typically represented in hours	
			<i>Use this code for cumulative to date cost variance values.</i>	
		VK	Estimate at Complete	
			Estimate of the effort required to complete a task or project, typically represented in hours	
		VL	At Complete Variance	
			Difference between the budget at complete and the estimate at complete, typically represented in hours	
		VR	Variance	
			<i>Use this code for current period cost variance values.</i>	
Must Use	QTY02	380	Quantity	X R 1/15
			Numeric value of quantity	
Not Used	QTY03	C001	Composite Unit of Measure	O
			To identify a composite unit of measure (See Figures Appendix for examples of use)	
Not Used	C00101	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00102	1018	Exponent	O R 1/15
			Power to which a unit is raised	

Not Used	C00103	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00104	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00105	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00106	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00107	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00108	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00109	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00110	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00111	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00112	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	C00113	355	Unit or Basis for Measurement Code Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	O ID 2/2
Not Used	C00114	1018	Exponent Power to which a unit is raised	O R 1/15
Not Used	C00115	649	Multiplier Value to be used as a multiplier to obtain a new value	O R 1/10
Not Used	QTY04	61	Free-Form Message Free-form information	X AN 1/30

Segment:	PAM Period Amount
Position:	090
Loop:	BSD Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To indicate a quantity, and/or amount for an identified period
Syntax Notes:	<ol style="list-style-type: none"> 1 If any of PAM01 PAM02 or PAM03 is present, then all are required. 2 At least one of PAM02 PAM05 or PAM14 is required. 3 If either PAM04 or PAM05 is present, then the other is required. 4 If either PAM06 or PAM07 is present, then the other is required. 5 If PAM07 is present, then at least one of PAM08 or PAM09 is required. 6 If PAM07 is present, then PAM06 is required. 7 If PAM08 is present, then PAM07 is required. 8 If PAM09 is present, then PAM07 is required. 9 If PAM10 is present, then at least one of PAM11 or PAM12 is required. 10 If PAM11 is present, then PAM10 is required. 11 If either PAM13 or PAM14 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 PAM10, PAM11, or PAM12 are used when two dates are required. 2 PAM15 indicates whether the monetary amount identified in PAM05 is a net or gross value. A "Y" indicates amount is a gross value; an "N" indicates amount is a net value.

Comments:

- Notes:**
1. Use this segment for the Cost Performance Report Formats 3 and 4 to describe the next six reporting periods, the projected summary time frames and at complete time frame as well as to provide the monetary amounts or quantities associated with each time frame. This segment is used to convey the monetary amounts (and hour quantities if applicable) for Format 3 and working month or hour quantities for Format 4.
 2. This segment is repeated for each time frame (next six reporting periods, projected time frames, and at complete time frame) for each applicable reporting element code (BSD segment). The projected and at complete PAM repetitions directly relate to the time frames described in the CAL (Calendar) segment for the given report format.

Data Element Summary

Ref.	Data		
Des.	Element	Name	Attributes
PAM01	673	Quantity Qualifier	X ID 2/2

Code specifying the type of quantity

*This data element is required for Cost Performance Report Format 4.
This data element may be used for the Cost Performance Report
Format 3 in the event hour details need to be included.*

AV

Budget

Use this code for Format 3 for the current

				<i>reporting period plus 1 through 6 months, and the projected time frame quantities for each reporting structure element (BSD segment). This code can also be used for the Budget at Complete optional Format 4 (CFT01 is code LP) for the current reporting period plus 1 through 6 months, and the projected time frame quantities for each reporting structure element (BSD segment).</i>
			AY	Forecast
				<i>Use this code for Format 4 for the current reporting period plus 1 through 6 months, and the projected time frame quantities for each reporting structure element (BSD segment).</i>
			AZ	Forecast at Complete
			BC	Budget At Complete
	PAM02	380	Quantity	X R 1/15
				Numeric value of quantity
				<i>This data element is required for Cost Performance Report Format 4. This data element may be used for the Cost Performance Report Format 3 in the event hour details need to be included.</i>
	PAM03	C001	Composite Unit of Measure	X
				To identify a composite unit of measure (See Figures Appendix for examples of use)
Must Use	C00101	355	Unit or Basis for Measurement Code	M ID 2/2
				Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
				<i>1. This data element is required for the Cost Performance Report Format 4. The code entered here MUST be the same as the code entered in 2/CFT02/C00101 for this report format.</i>
				<i>2. In the event the Cost Performance Report Format 3 includes quantity data, this data element must be used. Use code HR for this report format.</i>
			HR	Hours
			WM	Working Months
Not Used	C00102	1018	Exponent	O R 1/15
				Power to which a unit is raised
Not Used	C00103	649	Multiplier	O R 1/10
				Value to be used as a multiplier to obtain a new value
Not Used	C00104	355	Unit or Basis for Measurement Code	O ID 2/2
				Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken
Not Used	C00105	1018	Exponent	O R 1/15

			Power to which a unit is raised	
Not Used	C00106	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00107	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00108	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00109	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00110	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00111	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00112	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
Not Used	C00113	355	Unit or Basis for Measurement Code	O ID 2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	
Not Used	C00114	1018	Exponent	O R 1/15
			Power to which a unit is raised	
Not Used	C00115	649	Multiplier	O R 1/10
			Value to be used as a multiplier to obtain a new value	
	PAM04	522	Amount Qualifier Code	X ID 1/3
			Code to qualify amount	
<i>This data element is required for Cost Performance Report Format 3.</i>				
		49	At Complete Budget (BAC)	
			The total budget assigned to a work package or task; also, the total budget of any summary of these work tasks	
			<i>Use this code for the At Complete monetary amounts for Format 3. It is used only one time for each BSD segment.</i>	
		B5	Budgeted	
			<i>Use this code for the current reporting period plus 1 through 6 months and the projected time frame monetary amounts for Format 3.</i>	
	PAM05	782	Monetary Amount	X R 1/18
			Monetary amount	
<i>This data element is required for Cost Performance Report Format 3.</i>				
Must Use	PAM06	344	Unit of Time Period or Interval	X ID 2/2

Code indicating the time period or interval

Use the code that best applies. Codes "CY" and "FY" can also be used to represent the remaining number of reporting periods for a calendar or fiscal year. Codes "CY" and "FY" should also be used to represent the balance of reporting periods for the remainder of the contract.

CY	Calendar Year
FY	Fiscal Year
MO	Month
QY	Quarter of a Year
SA	Semiannual

Must Use	PAM07	374	Date/Time Qualifier	X	ID 3/3
-----------------	--------------	------------	----------------------------	----------	---------------

Code specifying type of date or time, or both date and time

174	Month Ending
-----	--------------

Use this code when PAM06 is code MO.

194	Period End
-----	------------

Use this code when PAM06 is code CY, FY, QY, or SA.

Must Use	PAM08	373	Date	X	DT 8/8
-----------------	--------------	------------	-------------	----------	---------------

Date expressed as CCYYMMDD

Enter the month or period ending date.

Not Used	PAM09	337	Time	X	TM 4/8
-----------------	--------------	------------	-------------	----------	---------------

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	PAM10	374	Date/Time Qualifier	X	ID 3/3
-----------------	--------------	------------	----------------------------	----------	---------------

Code specifying type of date or time, or both date and time

Not Used	PAM11	373	Date	X	DT 8/8
-----------------	--------------	------------	-------------	----------	---------------

Date expressed as CCYYMMDD

Not Used	PAM12	337	Time	X	TM 4/8
-----------------	--------------	------------	-------------	----------	---------------

Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

Not Used	PAM13	1004	Percent Qualifier	X	ID 1/2
-----------------	--------------	-------------	--------------------------	----------	---------------

Code to qualify percent

Not Used	PAM14	954	Percent	X	R 1/10
-----------------	--------------	------------	----------------	----------	---------------

Percentage expressed as a decimal

Not Used	PAM15	1073	Yes/No Condition or Response Code	O	ID 1/1
-----------------	--------------	-------------	--	----------	---------------

Code indicating a Yes or No condition or response

Segment:	MSG Message Text
Position:	120
Loop:	BSD Optional (Must Use)
Level:	Detail
Usage:	Optional
Max Use:	>1
Purpose:	To provide a free-form format that allows the transmission of text information
Syntax Notes:	1 If MSG03 is present, then MSG02 is required.
Semantic Notes:	1 MSG03 is the number of lines to advance before printing.
Comments:	1 MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc. 2 If MSG02 is "AA - Advance the specified number of lines before print" then MSG03 is required.
Notes:	<p><i>1. Use this segment for the Cost Performance Report Format 3 to describe baseline changes if needed. Only one repetition may be used for each reporting structure element reference (BSD segment) for this format, a maximum of 50 characters is recommended.</i></p> <p><i>2. This segment can be used for the Cost Performance Report Format 5 or Variance Analysis report narrative. For these formats, use normal sentence structure, 80 characters per line is fine. A maximum of 100 repetitions is allowed for each reporting structure element (BSD segment).</i></p> <p><i>3. This segment can also be used to provide a brief narrative for the Cost Performance Report Formats 1, 2, or 4, or the Cost/Schedule Status Report. Only one repetition may be used for each reporting structure element reference (BSD segment).</i></p>

Data Element Summary

	Ref.	Data	Attributes
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	MSG01	933 Free-Form Message Text	M AN 1/264
		Free-form message text	
Not Used	MSG02	934 Printer Carriage Control Code	X ID 2/2
		A field to be used for the control of the line feed of the receiving printer	
Not Used	MSG03	1470 Number	O N0 1/9
		A generic number	

Segment: **SE** Transaction Set Trailer
Position: 210
Loop:
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
Must Use	SE01	96 Number of Included Segments	M N0 1/10
		Total number of segments included in a transaction set including ST and SE segments	
Must Use	SE02	329 Transaction Set Control Number	M AN 4/9
		Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
		<i>SE02 is the same number as the number in ST02.</i>	